



## 19th NREL Industry Growth Forum

Financing the Path to a Clean Energy Future

Philadelphia, Pennsylvania - October 24-26, 2006

### COMPANY PRESENTATIONS – PANELIST LIST

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#### **Wednesday, October 24, 2006 - AM**

G. Anan Ananthasubramaniam, DTE Ventures  
David Berry, Flagship Ventures  
Peter Edwards, Altira Group LLC  
Larry Fenster, Serial Entrepreneur  
Alison Freeman-Gleason, Heller Ehrman  
Karina Funk, Massachusetts Energy Fund  
Richard Jaffe, Ballard Spahr Andrews & Ingersoll, LLP  
Jay Katarincic, Draper Triangle  
Michele Klein Applied Materials  
Randy Lewis, Wilson Sonsini Goodrich & Rosati  
Chuck McDermott, RockPort Capital Partners  
Dave McLean Sevin Rosen Funds  
Dave Noble, Cornerstone Holdings, LLC

#### **Wednesday, October 24, 2006 - PM**

Ricardo Angel, Chevron Corporation  
Technology Ventures  
Ryan Boykin, US Capital Investment Management  
Amol Deshpande, Cargil Ventures  
Phil Deutch, NGP Energy Technology Partners  
Ed Feo, Milbank Tweed Hadley & McCloy LLP  
John McKenna, Hamilton Clark & Co.  
Jim Millar, Battelle Ventures  
David Odom, On Point Ventures  
Bill Reichert, Garage Technology Ventures  
Lisa Rutherford, Vista Ventures  
Dean Sciorillo, EnerTech Capital  
Shayne Veramallay, NJTC Venture Fund

#### **Thursday, October 25, 2006 – Group A**

Bill Brewer, Yellowstone Energy Ventures, L.P.  
Andy Chung, Lightspeed Venture Partners  
Steve Chuslo, U.S. Department of Energy  
Joyce Ferris, Blue Hill Partners, LLC  
Karina Funk, Charles River Ventures  
Paul Jerde, University of Colorado - Leeds School of Business  
David Kirkpatrick, SJF Ventures  
Michele Klein, Applied Materials  
Lee Kosla, Pearl Street Liquidity Advisors  
Jim Matheson, Flagship Ventures  
Jason Matlof, Battery Ventures  
Rob Sanders, TRF Sustainable Development Fund  
Dean Sciorillo, EnerTech Capital  
Shayne Veramallay, NJTC Venture Fund

#### **Thursday, October 25, 2006 - Group B**

David Allen, University of Colorado - Technology Transfer  
John Backlund, Backlund & Associates  
Skip Besthoff, Rho Capital  
C. Baird Brown, Ballard Spahr Andrews & Ingersoll, LLP  
Jim Carr, Cornell Capital Partners  
Walter Copan, Clean Diesel Technologies, Inc.  
Rex D'Agostino, Sustainable Energy Fund of Central Eastern Pennsylvania  
Himesh Dhungel, Hamilton Clark & Co.  
David Dreessen, Battery Ventures  
Keith Frame, Connecticut Innovations  
Marcos Gomez, BASF Venture Capital America, Inc.  
Peter Johnston, Arizona Public Service  
Darrell Laham, Solorado, LLC  
MJ Maloof, Braemar Energy Ventures  
Ann Partlow, Earthrise Capital  
Michael Ware, Advance Capital Markets Inc.



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### **ADDITIONAL PANELIST AND SPEAKER BIOGRAPHIES**

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#### **Rex A. D'Agostino, Ph.D.**

##### **President & Executive Director**

##### **Sustainable Energy Fund**

Responsible for a \$20+MM 501©3 Fund in promoting renewable energy and energy efficiency technologies in Pennsylvania. Investments made in Wind Farms, Solar Installations, Energy Efficiency Programs (residential and commercial). Started a for profit subsidiary (Green Connexions, Inc) to promote renewable energy technology applications with capitalization of \$1.0MM focusing on LED, Anaerobic Digestion, and Solar technology. Created the Solar Scholars™ program dedicated to educating college students in renewable energy technologies through grants and workshop programs. Active participant in the Pennsylvania Sustainable Energy Board. Proposed and awarded in excess of \$450,000 from PA DEP for the installation of a novel Thermophilic Biodigester technology to resolve nutrient management and groundwater contamination issues throughout the state. Developing a home energy audit program in conjunction with the PPL utility in 29 counties to address the problem of increased residential electrical costs anticipated when the rate cap is removed in 2009. Review the [www.theSEF.org](http://www.theSEF.org) for other activities and responsibilities.

#### **David N. Allen**

##### **Associate Vice President for Technology Transfer**

##### **University of Colorado**

David N. Allen became the CU AVP for tech transfer in 2002. He has responsibility for intellectual property and licensing across the three CU campuses. Previous to Colorado, Dr. Allen was the AVP for Technology Partnerships at Ohio State. Before going to Ohio State in 1997, he was AVP for Technology and Economic Development at Ohio University. Previous to going to OU in 1991, he was a professor at the Pennsylvania State University, University Park where he taught entrepreneurship in the Smeal College of Business. He earned a Ph.D. from Indiana University in Political Economy in 1980.

#### **R. Chadwick Paul, Jr.**

##### **Chief Executive Officer**

##### **Ben Franklin Technology Partners of Northeastern Pennsylvania**

Chad Paul has 25 years of entrepreneurial business experience and has started, secured investments for, or facilitated the merger of nearly two dozen companies. He is Chief Executive Officer of the Ben Franklin Technology Partners of Northeastern Pennsylvania, an organization that invests in early-stage technology firms and established manufacturers and has received international recognition as a model economic development program. Paul founded Chadwick Telephone in 1976 while still in graduate school, and served as its President and CEO, building the company from a start-up to a significant multi-state corporation through 1997, when the company was merged with a public company. Paul serves as a Director and Member of the Executive Committee of Keystone Nazareth Bank & Trust and as Chairman of the Achievement Foundation, a national organization that awards college scholarships to students who have participated in U.S. Junior Achievement Programs. He earned his BS and MBA from Lehigh University.



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### **Andrew G.W. Chung**

#### **Lightspeed Venture Partners**

Andrew Chung is a Senior Associate at Lightspeed Venture Partners and focuses on investments in cleantech, Internet, digital media, and software. He has over seven years of investing, consulting, and operating experience.

Previously, Andrew worked at Bain Capital and TL Ventures, where he supported investments in software, semiconductors, and healthcare. He also worked as a strategy consultant with Bain & Company in Greater China, servicing clients in the energy generation, industrial automation, consumer electronics, and private equity sectors. Prior to Bain, Andrew was a co-founder and Director of Product Management at UberWorks, an e-commerce content aggregation startup incubated at Trilogy, and led the company through an acquisition by a public company. He also directed product management at OnStation, a CRM software company focused on the automotive sector.

Andrew graduated Phi Beta Kappa with honors in Applied Mathematics from Harvard University and holds an MBA from the Wharton School of the University of Pennsylvania.

### **Karina Funk**

#### **Venture Advisor**

#### **Massachusetts Green Energy Fund**

Ms. Funk is a venture advisor to the Massachusetts Green Energy Fund, a fund that invests in early-stage renewable energy companies. She has experience in the U.S., Latin America and Europe as an investment manager, strategy consultant and engineer. Until recently, she managed over \$20 million in direct investment programs at the Massachusetts Renewable Energy Trust. Prior to joining the Trust, Ms. Funk was a strategy consultant at Cap Gemini Ernst & Young, and before that she was at Électricité de France, advising their corporate strategy division on the economics of alternative energy technologies. Ms. Funk holds a B.S. in Chemical Engineering from Purdue University, two Masters degrees from MIT, a post-graduate diploma from the École Polytechnique in France, and is a Chartered Financial Analyst (CFA) Charterholder, charter pending.

### **Bobi A. Garrett**

#### **Associate Director, Strategic Development and Analysis**

#### **National Renewable Energy Laboratory**

Bobi Garrett joined the National Renewable Energy Laboratory (NREL) in November 1998 as a member of the laboratory's executive management team. The Strategic Development & Analysis directorate has responsibility for conducting energy analyses and providing technical assistance to international, federal, and state and local governments to inform program, policy, or technology choice decisions. Additionally, she has responsibility for strategic planning, internal R&D investments, intellectual property management, and transfer of NREL-originated technology.



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Prior to joining NREL, Ms. Garrett held a variety of line management and program leadership positions at the Pacific Northwest National Laboratory in Richland, Washington. She has focused her career at the interface of technology, markets, and policy in order to advance new technologies from concept to commercial application. She has had the opportunity to work across a number of market sectors -- energy, environment, defense, and health care -- for both government and commercial customers. This has given her a broad perspective on markets, emerging technologies, and the pathway from laboratory research to marketable products.

Ms. Garrett has a B.S. in Chemical Engineering from Montana State University and an M.B.A. from the University of Washington.

### **Michele Klein**

#### **Director**

#### **Applied Ventures LLC**

Michele Klein is a director of Applied Ventures LLC, the venture capital fund of Applied Materials.

Previously, Klein founded and led two VC-backed semiconductor equipment companies and served actively on technology boards for 17 years. Klein was CEO and President of Boxer Cross from 1997-2003, and ran her previous start-up, High Yield Technology, from 1986-1996. Along the way she raised 7 rounds of venture capital at increasing valuations, sold both of the technology startups to public companies, and was fortunate to have recruited and worked with many talented and dedicated colleagues. Boxer Cross pioneered two cutting-edge metrology product lines and proliferated systems to top-tier IC-makers worldwide. In 2003 the company was acquired by Applied Materials, where Klein continued to manage the operations. In 2005 she joined Applied Material's Corporate Business Development group to help launch Applied Ventures LLC and identify, recommend and manage new investments. Her venture capital investment interest areas include metrology and inspection, display technologies, solar energy and energy storage.

Klein holds an MBA from the Stanford Graduate School of Business, and a BS from the University of Illinois, Urbana-Champaign. Klein currently serves on the planning committee for the SEMI Industry Strategy Symposium (ISS 2007).

### **Michel J. Maloof III**

#### **Associate**

M.J. Maloof is an associate on the investment team. Prior to joining Braemar in 2006, M.J. was an associate consultant with Bain & Company. While at Bain, he advised clients in a variety of industries on technology, IP strategy and other internal and customer-driven solutions. M.J. graduated from Dartmouth College with a B.A. in both Economics and Environmental Studies. While at Dartmouth, he spent a semester in Pretoria, South Africa studying resource use and conservation. He was also a member of the Varsity Sailing Team.



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### **Jim Millar**

#### **General Partner**

#### **Battelle Ventures**

Jim is a General Partner at Battelle Ventures and Innovation Valley Partners. He joined Philadelphia Ventures. He then spent 12 years with DSV Partners, where, as general partner, he led early-stage investments in the software and communications fields.

Jim has served as Chairman and President of the Greater Philadelphia Venture Group, was Co-Chairman of the Mid-Atlantic Venture Fair, and frequently lectures at the Wharton School of the University of Pennsylvania and Princeton University. He also is a past Director of the Philadelphia Chamber of Commerce.

Prior to entering the venture-capital industry, Jim held a number of engineering and management positions at Texas Instruments (TI), including Systems Engineer, designing VLSI microcomputers and digital signal processing components. His last position at TI was Manager of the company's six domestic regional technology centers.

Jim received his Bachelor of Science in Engineering and Applied Science from Yale University and his MBA from the Wharton School, University of Pennsylvania.

### **John Ranieri**

#### **Vice President and General Manager**

#### **DuPont Bio-Based Materials**

John Ranieri is Vice President and General Manager of DuPont Bio-Based Materials. He is responsible for the rapid and sustainable growth of a broad portfolio of bio-based products. He received a PhD in medical science and a master's degree in materials engineering as a Miciolli fellow from Brown University. He completed the advanced management program at Wharton Business School and was a visiting fellow at their school of management and entrepreneurial studies.